

**Claims**

1. Adhesive tape comprised of  
a sheet of plasticized polyvinyl chloride and  
5 an adhesive dispersion of styrene-acrylic acid derivative copolymers, comprising  
plasticizers migrated from the sheet into the adhesive.
2. Adhesive tape according to Claim 1, wherein the styrene fraction of the adhesive  
is from 10% to 70%.
- 10 3. Adhesive tape according to Claim 1, wherein the adhesive is applied to the  
polyvinyl chloride sheet in an amount of from 10 to 50 g/m<sup>2</sup>.
4. Adhesive tape according to Claim 1, wherein the sheet has a thickness of  
15 between 50 and 200 µm.
5. Adhesive tape according to Claim 1, wherein the adhesive layer contains up to  
50% by weight of at least one resin dispersion based on hydrocarbon resins, rosin  
esters or terpene-phenolic resins.
- 20 6. Adhesive tape according to Claim 1, wherein the adhesive layer contains up to  
60% by weight of at least one dispersion based on styrene-butadiene copolymers  
or acrylate dispersions.
- 25 7. Adhesive tape according to Claim 1, wherein the adhesive layer contains up to  
40% by weight of at least one monomeric or polymeric plasticizer or oil.
8. Adhesive tape according to Claim 1, wherein a layer of a primer is applied  
between the sheet and the adhesive layer.
- 30 9. Adhesive tape according to Claim 1, wherein a release layer is applied on the side  
of the sheet remote from the adhesive side.
10. Adhesive tape according to Claim 1, wherein the adhesive is crosslinked by  
35 chemical, thermal or radiation treatment.

11. Adhesive tape according to Claim 1, wherein the adhesive comprises antifoams, ageing inhibitors and wetting agents.
- 5 12. A method of bundling, protecting, labelling, insulating or sealing ventilation pipes or wires or cables which comprises bundling, protecting, labelling, insulating or sealing the same with an adhesive tape of claim 1.
- 10 13. A method of sheathing cable looms in vehicles or field coils for picture tubes which comprises sheathing same with an adhesive tape of claim 1.